

FIG. 1

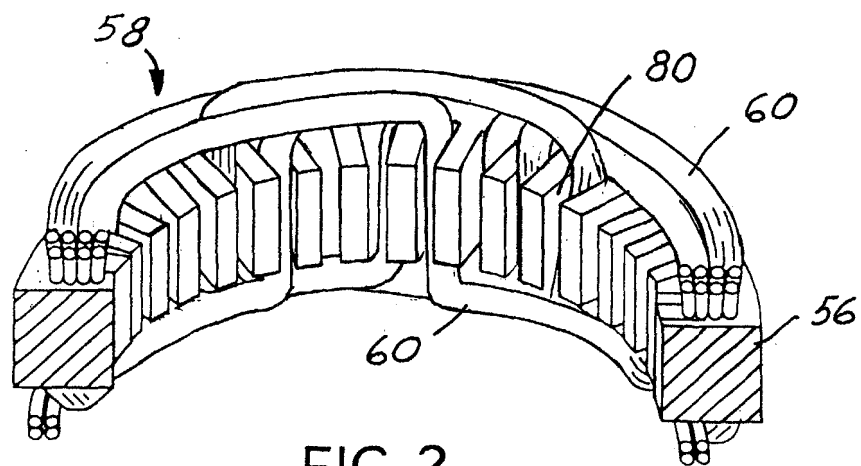


FIG. 2

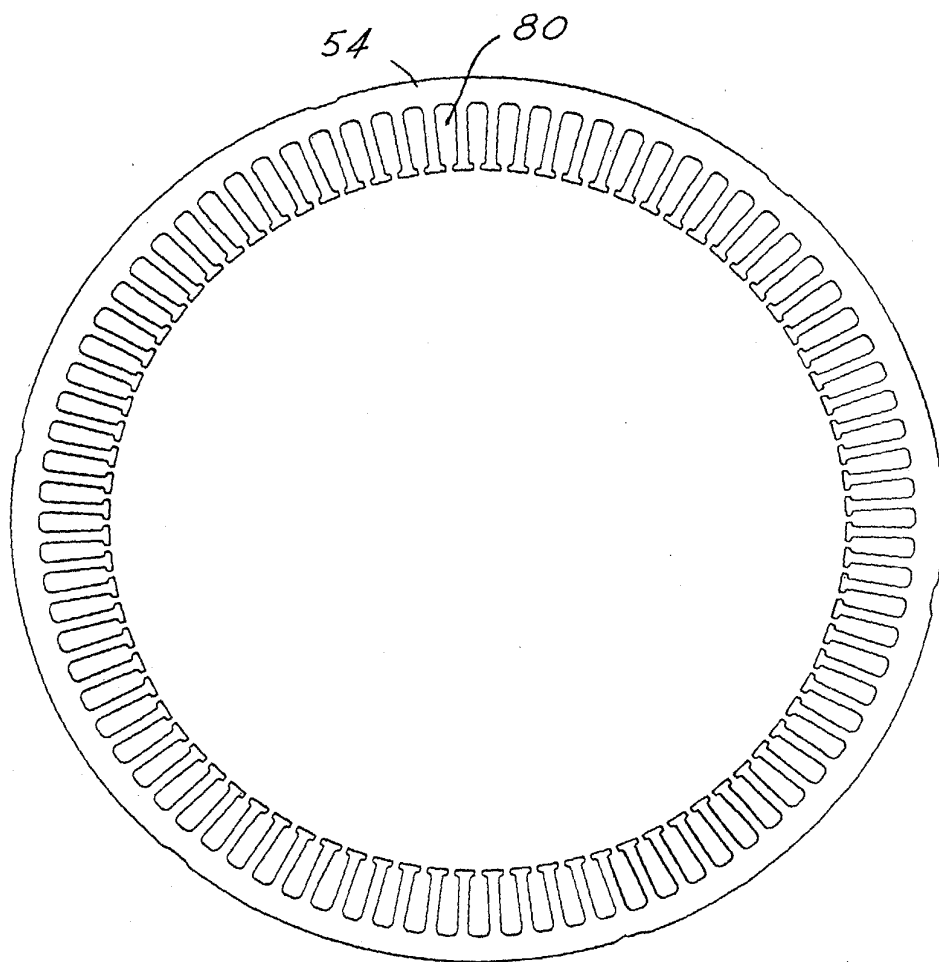


FIG. 3

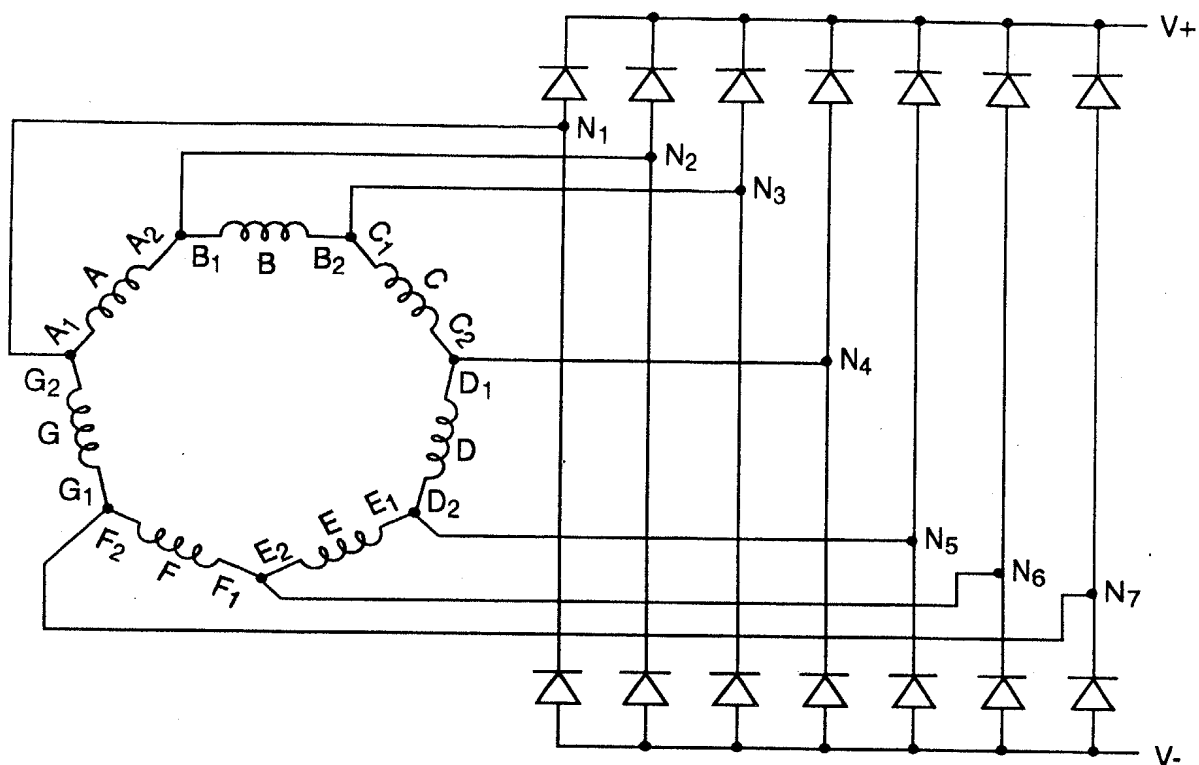


FIG. 4

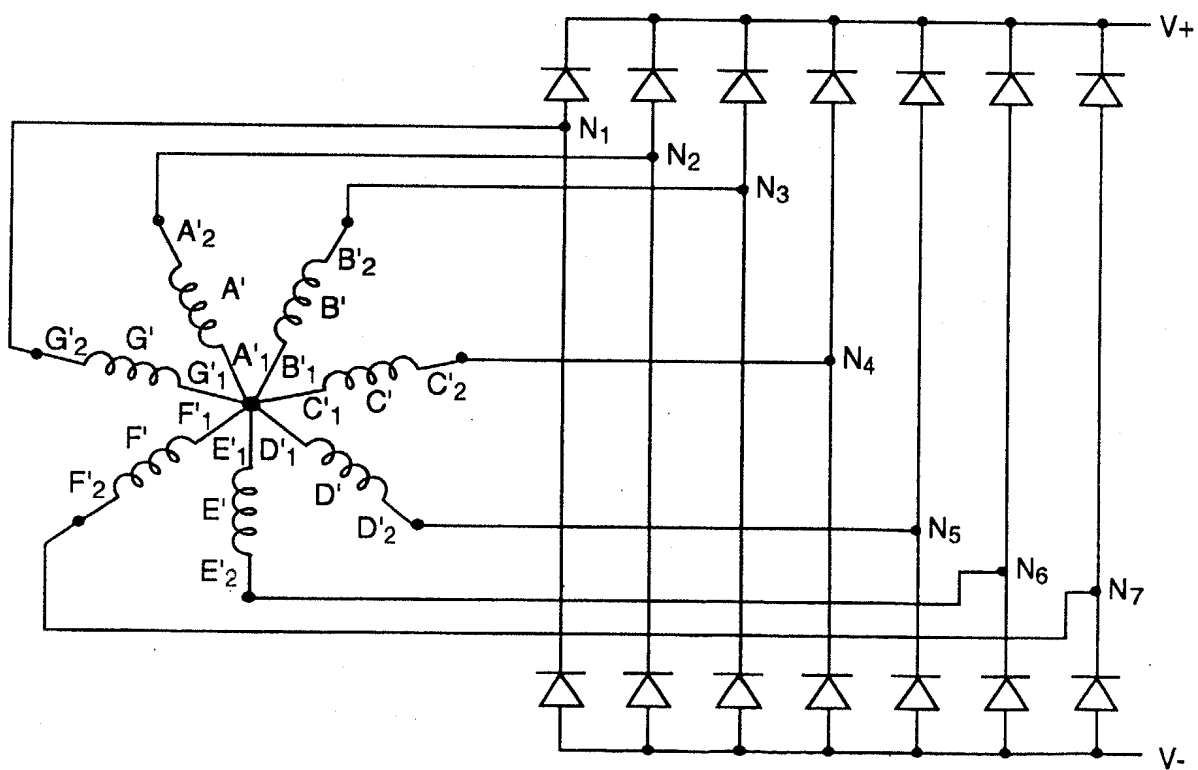
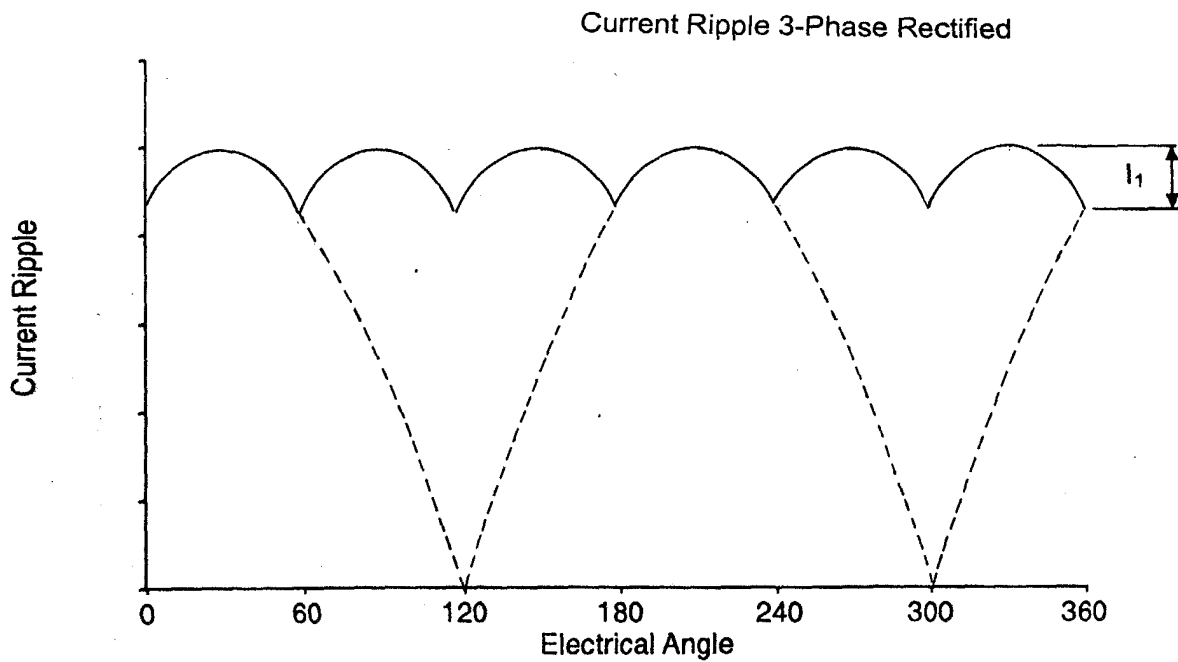


FIG. 5



(PRIOR ART)

FIG. 6

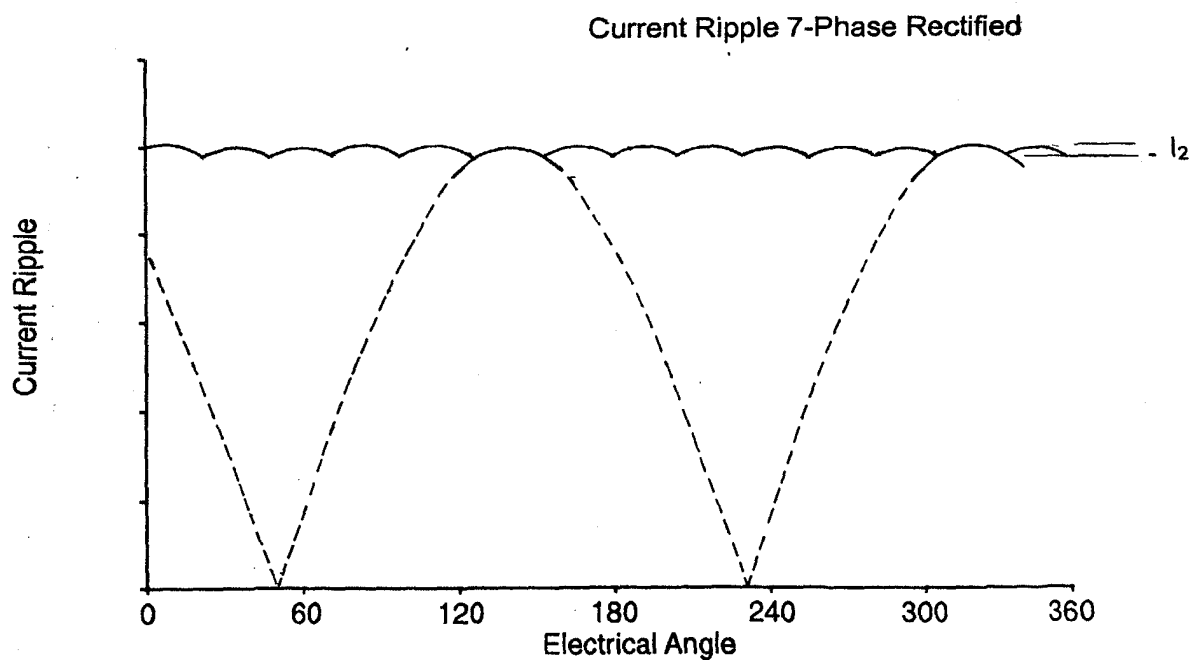


FIG. 7

Figure 1 is a line graph showing the Sound Pressure Level (SPL) in dB versus Alternator Speed in RPM. The x-axis represents Alternator Speed, RPM, ranging from 1000 to 15000. The y-axis represents SPL, dB, ranging from 50 to 110. Two curves are plotted: a solid line for 'Prior Art' and a dotted line for 'Present Invention'. The 'Prior Art' curve shows a significant noise peak around 1000 RPM (approx. 105 dB) and a broad peak around 10000 RPM (approx. 100 dB). The 'Present Invention' curve shows a much lower noise level at 1000 RPM (approx. 60 dB) and a lower peak around 10000 RPM (approx. 95 dB).

Alternator Speed, RPM